

U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

STATE OF PENNSYLVANIA
REPRESENTED BY
TOPOGRAPHIC AND GEOLOGIC
SURVEY COMMISSION

STRUCTURE AND ECONOMIC GEOLOGY

PENNSYLVANIA
ROGERSVILLE QUADRANGLE






(Wheeling)
80° 30'
40° 00'

(Lansing)
80° 15'
40° 00'



LEGEND

SEDIMENTARY ROCKS
(Areas of subaqueous
deposits are shown by
patterns of parallel lines;
subaerial deposits by
patterns of dots and cir-
cles)

Recent		QUATERNARY	
	Alluvium (in flood plains of present streams)		
Pleistocene		QUATERNARY	
	Carmichaels formation (thin clay sand and gravel on terraces and old valley floors)		
Pennsylvanian (Denkard group)		CARBONIFEROUS	
	Greene formation (shale and sandstone, with thin limestones and beds of coal)		
			
	Washington formation (sandy shale and coarse sandstone, with thin lime- stone and beds of coal)		
			
Pennsylvanian	Monongahela formation (Waynesburg coal and a few feet of underlying shale only exposed)		

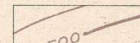
Economic and
structure data

- X Coal openings
- Oil wells
- Gas wells
- Dry holes, or product unknown

Sections of numbered wells are shown
on columnar section sheet



Coal outcrops
(Washington coal, w.g.
Waynesburg coal, w.g.
continuous lines repre-
sent coal beds of
known workable thick-
ness; dashed lines,
coals of possibly
workable thickness)



Structure contours
(showing the lay of the
stratigraphic coal and the
elevation of the base
above sea level; broken
lines indicate uncertain
location; contour interval
is 50 feet)

H.M. Wilson, Geographer.
Frank Sutton, Topographer in charge.
Topography by R.D. Cummin and E.G. Hamilton.
Triangulation by Sledge Tatum.

SURVEYED IN 1903 IN COOPERATION WITH THE STATE OF PENNSYLVANIA.

APPROXIMATE MEAN
DECLINATION 1903.

Scale 32500
1 2 3 4 5 Miles
1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.
Edition of Jan. 1907.

Geology by Frederick G. Clapp,
assisted by Frank W. De Wolf,
under the direction of Marius R. Campbell.
Surveyed in 1904.

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